

12-07-01

UTILITY
PATENT APPLICATION
TD ANGMITT AT

Attorney Docket No.:	CR1044AC			
First Inventor	LIET AL			

FILTER BANK AND RECEIVER FOR PROCESSING CONTINUOUS PHASE MODULATED SIGNALS Label No.: EK647971177US Title:

Express Mail Label No.:

(Only for new nonprovisional applications under 37 CFR 1.53(b))								
APPLICATION ELEMENTS			Assistant Commissioner for Patents	22				
ADDRESS TO:		Box Patent Application						
(see MPEP chapter 600 concerning		Washington, D.C. 20231	7 =					
utility patent ap	oplication contents)							
1. X Fee Tra	ansmittal Form in duplicate		7. CD-ROM or CD-R in dup					
	an original and a duplicate for fee proce	essing)	table or Computer Program					
	Applicant claims small entity status		8. Nucleotide and/or Amino					
^	CFR 1.27		(if applicable, all no	ecessary)				
		23	a. Computer Readable Form (CFR)					
3. X Specifi	red arrangement set forth belo		b. Specification Sequence Li	sting on:				
(prefer	otive title of the invention	,,	i. CD-ROM or CD-					
	Reference to Related Applicat	ions	ii. or paper					
	ent Regarding Fed sponsored		c. Statements verifying ident	ify of above copies				
-Statem			ACCOMPANYING APPLICATI					
	-Reference to sequence listing	ig, a table,						
-Backgro	ound of the Invention		9. X Assignment Papers (cover sh	eet & document(s))				
	mmary of the Invention			4				
	escription of the Drawings (if file	d	10. 37 CFR 3.73(b) X Po	ower of Attorney				
		_	Statement (when there is	s an assignee)				
	1 Description		11. English Translation Docu					
-Claim(s			11. Lington Transactor 2 com	,				
-Abstrac	t of the Disclosure		12. IDS Copie	s of IDS Citations				
			·-·	i i				
4. X Drawii	ng(s) Total Sheets	2	13. Preliminary Amendmen					
5. Oath or De	claration		14. X Return Receipt Postcare	d (MPEP 503)				
		,	15. Certified Copy of Prior	rity Document				
a. X	Newly executed (original or o	opy)						
b. 🔽	Copy from a prior application	(37	16. Nonpublication Request u	ınder 35 U.S.C.				
0.	CFR 1.63(d)) (for continuation	on/ divisional with	122(b)(2)(B)(i). Applic	ant must attach form				
	Box 18 completed)		PTO/SB/35 or its equiva	alent.				
i.	DELETION OF INVE	NTOR(S)	17. X Other:					
1.	Signed statement attached de		1 sheet formals draw	ings to replace				
	inventor(s) named in the prior	r application.	2 sheets of informal	drawings filed				
	see 37 CFR 1.63(d)(2) and 1	.33(b).	with this application					
c Amplic	cation Data Sheet under 37							
18. IF A CONTIN	UING APPLICATION, check app	propriate box and suppl	y the requisite information below and in a prelin	ninary amendment:				
Continuatio		Continuation	-in- Part (CIP) Prior Appl. No.					
Prior Appl. information: Examiner: Group/Art Unit:								
		re of the prior application, from	which an oath or declaration is supplied under Box 5b, is conside	ered a part of the disclosure of				
the accompanying continuation of	or divisional application and is hereby incorpo	rated by reference The incorp-	oration can only be relied upon when a portion has been inadverte	intly omitted from the submitted				
application parts								
	19	. CORRESPONDE	NCE ADDRESS					
Court a ma an Nam	ber or Bar Code Label		or Correspondence	e address below				
	ber of Bar Code Laber		<u> </u>					
N T	DANIEL K MICHOLS	1 2 2 9 1 7						
Name	DANIEL K. NICHOLS	tmant						
	Motorola, Inc. – Law Depar							
Address	1303 E. AI GONQUIN ROZ SCHAUMBURG	State	IL Zip Co.	de 60196				
City	U.S.A. Telepho		847-576-5219 Fax	847-576-3750				
Country	DANIEL K. NICHOLS		Registration No.	29,420				
Name DANIEL K. NICHOLS 11/09/2001								
SIGNATURE Date 11/08/2001								

FEE TRANSMITTAL

Patent fees are subject to annual revision

Complete if Known					
Application Number					
Filing Date	11/08/2001				
First Named Inventor	YUNXIN LI				
Examiner Name					
Group Art Unit					
 Attorney Docket No.	CR1044AC				

TOTAL AMOUNT OF PAYMENT	(\$) 780.00	Attorney Docke	cket No. CR1044AC						
METHOD OF PAYMENT				FEE CALCULATION (continued)					
			3. ADDITIONAL FEES						
The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:			Larg		Sma				
Deposit Account Number 13-4772		<u>Entity </u>							
Deposit Account Name	Motorola, Inc.		Fee	Fee	Fee	Fee		For Depolation	
			Code	(\$) 130	Code 205	(\$) 65		Fee Description pe – late filing fee or oath	
Charge Any Additional Fee required un	ider 37 CFR 1.16 and 1.17		105 127	50	205	25	`	ge – late Provisional filing	
Applicant claims small entity status. See 37 CFR 1.27		139	130	139	130		lish specification		
			147	2520	147	2520	For filing Reexam	a request for ex parte ination	
Payment Enclosed.			112	920*	112	920*	Requestr Examine	ng publication of SIR pnor to er action	
Crieck Cledit Cal	rd Money Order	Other	113	1840*	113	1840*	Examine		
EFF CALCIU ATION			115 116	110 400	215 216	55 200		on for reply within first month	
FEE CALCULATION			117	920	217	460		n for reply within second month n for reply within third month	
BASIC FILING FEE			118	1440	218	720		for reply within fourth month	
			128	1960	228	980	Extension	on for reply within fifth month	
Large Entity Small Entity			119	320	219	160		f Appeal	
Fee Fee Fee Fee Fee Fee (\$)	Fe	e Paid	120 121	320 280	220 221	160 140		brief in support of an appeal t for oral hearing	
3,000		e i aiu	1				Petition	to institute a public use	
370 201 270	Libling for	10	138 140	1510 110	138 240	1510 55	proceed Petition	ing to revive – unavoidable	
101 740 201 370 106 330 206 165 107 510 207 255	Utility filing fee 74 Design filing fee	+0	141	1280	241	640		to revive – unintentional	
107 510 207 255	Plant filing fee		142	1280	242	640	Utility is	sue fee (or reissue)	
108 740 208 370	Reissue filing fee		143	460	243	230	Design	issue fee	
114 160 214 80	Provisional filing fee		144	620	244	310	Plant is:		
			122	130	122	130		s to the Commissioner	
SUBTOTAL (1) (\$) 740			123	50	123	50		sing fee under 37 CFR 1.17(q)	
2. EXTRA CLAIM FEES			126	180	126	180		sion of IDS	40
Previously Paid**	Extra Fee from Claims below	Fee Paid	581	40	581	40	per prop	ng each patent assignment erty (times number of properties)	40
Total Claims			146	740	246	370	rejectio	submission after final n (37 CFR § 1.129(a))	
		=	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		
Large Entity Small Entity			179	740	279	370	Reques (RC	t for Continued Examination	
Fee Fee Fee Fee Code (\$) Code (\$)	Fee Descripti	on	169	900	169	900	Reques	t for expedited examination	
103 18 203 9 C	laims in excess of 20 dependent claims in excess of 3		of a design application Other fee (specify)						
104 280 204 140 M	lultiple dependent claim, if not pa	iid							
109 84 209 42 *	Reissue independent claims ove	r original patent	— —						
	Reissue claims in excess of 20 a Patent	nd over original				-			
SUBTOTAL (2) (\$) **OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.		*Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$) 40							
*For Reissues, see above SUBMITTED BY								Complete (if applicable	e)
	. K. NICHOLS		Registr	ation No.	29,4	20	Т	elephone 847-5	76-5219
	un les)ate	11/08/2001	

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

Li et al.

GROUP ART UNIT:

TBA

APPLN. NO.:

TBA

EXAMINER:

TBA

FILED:

11/08/01

TITLE:

FILTER BANK AND RECEIVER FOR PROCESSING CONTINUOUS

PHASE MODULATED SIGNALS

Certificate of Mailing

Date of deposit:

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as Express mail, with sufficient postage attached thereto, in an envelope addressed to the Box New Application, Assistant Commissioner for Patehrs, Washington, D.C.)

Signature of Person Mailing Paper

Karen Kass

Karen Kass Printed Name of Person Mailing Paper

TRANSMITTAL OF FORMAL DRAWINGS

Honorable Assistant Commissioner for Patents Washington, D.C. 20231

ATTN: OFFICIAL DRAFTSPERSON

SIR:

Accompanying this paper is one (1) formal drawing sheet. Please replace the informal drawings filed with this application with this formal drawing.

Respectfully submitted,

YUNXIN LI et al.

MOTOROLA, INC.

Customer Number: 22917

Daniel K. Nichols

Attorney for Applicants

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